

Mon Dec 9 12:50:58 2002

Patent No. US20020102531A1
 GENERAL INFORMATION:
 APPLICANT: Horrikan, Stephen
 TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Sign
 TITLE OF INVENTION: Sets
 FILE REFERENCE: 689290-73
 CURRENT APPLICATION NUMBER: US/09/964,824A
 CURRENT FILING DATE: 2001-09-27
 PRIOR APPLICATION NUMBER: US/60/236,033
 PRIOR FILING DATE: 2000-09-28
 PRIOR APPLICATION NUMBER: US/60/236,032
 PRIOR FILING DATE: 2000-09-28
 PRIOR APPLICATION NUMBER: US/60/236,028
 PRIOR FILING DATE: 2000-09-28
 NUMBER OF SEQ ID NOS: 583
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 545
 LENGTH: 1352
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (1)...(1352)
 OTHER INFORMATION: n-a,t,g or c
 US-09-964-824A-545

Query Match 28.4%; Score 433.2; DB 10; Length 1352;
 Best Local Similarity 59.7%; Pred. No. 7.4e-102; Indels 0; Gaps 0;
 Matches 729; Conservative

QY 524 GTTGAAGTTAGTAAAGCCGATACCCATGACGAGATTTTGAAGGTTTAAACCTTAA 583
 Db 272 GCTCTCCCTGGGACACAGGCTGACATCAGATGAATCCTGGAGGCTGAATTCAA 331
 QY 584 TTTGACCGAAATCCGAGAGCCCAAAATCAGAGGGTTTCAAGAGTTGTGAGAACTTT 643
 Db 332 CCTCAGGAGATTCGGAGGCTCAGATGAAGGCTCCGAGAACTCTCCGTAACCT 391
 QY 644 GAATCAACCTGATCTCAATTCGAATTAACCTGCTGAAGGTTTATTTTGTCTGAAGG 703
 Db 392 AAACGAGCAGACAGCAGCTCCAGCTGACACCGGCAATGGCTGTCTCAGCGAGGG 451
 QY 704 TTTAAATTTGGTTGACAAATTCCTAGAGAGCGTCAAGAACTATATCATAGTAGGCTTT 763
 Db 452 CCTGAAGCTAGTGGATAAGTTTGGAGGATGTTAAAGGTTGTACCACTCAGAAGCCTT 511
 QY 764 TACCGTTAATTTGGTGATGAGGAGCTTAAAGCAAAATTAATGATTTATGTTGAGAA 823
 Db 512 CACTGTCAACTTCGGGGATTCAGAGAGGCGCAAGAAACAGATCAAGATTAAGTGGAGAA 571
 QY 824 AGCACCAGGCTAAGATCGTTGACCTAGTTAAAGAAATAGATCGTATACCGTCTTCGC 883
 Db 572 GGGTACTCAAGGAAATTTGTGATTTGCTCAAGGAGCTTGACAGAGACAGATTTTTCG 631
 QY 884 ACTAGTTAATCTATTTTCAAGGTTAGTGGAAAGCTCTTTCGAGGTTTAAAGATAC 943
 Db 632 TCTGGTGAATTTACATCTCTTTAAAGGCAATGGGAGAGACCTTTTGAAGTCAAGGACAC 691
 QY 944 TGAAGGAGAGATTTTCATGTTGATCAAGTTACTACTCTCAAGTTCCAAATGATGAAAG 1003
 Db 692 CGAGGACGAGGACTTCCAGCTGGACACAGTGACCCGCTGAAGGCTCCCTATGATGAAGCG 751
 QY 1004 ACTGGTATGTTCAATATCAACATTTGCAAAATTAAGTTCTTGGTCTTATTAATCAA 1063
 Db 752 TTTAGGCATGTTTAAATCCAGCACTGTAAAGCTGTCCAGCTGGGTACTCTARTGAA 811
 QY 1064 GTATTTAGTAAAGCTACTCTATTTTATTTTACCAGACGAGGTAAAGCTTTCAACATTT 1123
 Db 812 ATACTGGGCATGACACCCGCTATCTTCTACCTGATGAGGGGAAACTACAGCACT 871
 QY 1124 AGAAGTGAAGTTGACTCATGACATTAATTAATTTTACAGACGAGGTAAAGCTTCGTAG 1183
 Db 872 GGAAATGAACCTACCCACGATATCATCAACCAAGTTCTTGGAAATGAAGACAGAGTTC 931
 QY 1184 CGTTCTCTGACCTGCCAAGTTAAGTATCACCGGTACTTACGACTTAAATCTGTTTT 1243
 Db 932 TGCCAGCTTACATTTACCCAACTGTCCATTAAGTCTGACCTATGATCTGAAGAGCTGCT 991
 QY 1244 AGGCCAGTTAGTATTTACCAAGTTTCTTAACGGTGGCGATTTGAGTGGTGTACTGA 1303
 Db 992 GGTCACTGGGCATCACTAAGGCTTTCAGCAATGGGGCTGACCTCTCCGGGGTACAGA 1051
 QY 1304 AGAAGCTCCATTAATTTGAGTAAAGTGTTCACAAAGCGCTTAACTATTGATGAAA 1363
 Db 1052 GGAGGACCCCTGAGCTCTCCAAAGGCGGTGATGAAGGCTGTGCTGACCATCACAGAA 1111
 QY 1364 GGGTACCGAGCGCGCGGCTATGTTCTGGAAAGCTATTCCATGAGCAATTCACACAGA 1423
 Db 1112 GGGGACTGAAGCTGTGGGGCCATGTTTGTAGAGGCCATACCAATGCTATCCCCCAGA 1171
 QY 1424 AGTTAAATTTAATAACCATCTGTTTCTGATGATGAGGAGCAACACTAAAGCCCAT 1483
 Db 1172 GGTCAAGTTCAACAAACCTTTGTCTTCTTAATGATTGAACAAAATACCAAGTCTCCCT 1231
 QY 1484 GTTTATGGTAGGTTGTCAACCCCAACTCAGAAGTA 1519
 Db 1232 CTTATGGGAAAGTGGTGAATCCCAACCCCAATA 1267

RESULT 2
 US-09-964-824A-545
 ; Sequence 545, Application US/09964824A

1378	CGGGGCTATGTTCTGGAAGCTATTCCAATGAGCATTCACACAGAAGTTAAATTAATA	1437
QY		
1153	CTGGGGCATGTTTTTAGAGGCCATCCCATGCTATCCCCCGAGGTCAGTTCAACA	1212
Db		
1438	AACCATTCGTTTTTCTGATGATCGAGCAGAACACTAAAAAGCCCATTTGTTTATGGGTAAAG	1497
QY		
1213	AACCCCTTTGTCTCTTATGATTGAACAAAATACCAAGTCTCCCTCTTCATGGGAAAAG	1272
Db		
1498	TTGTCAACCCCACTCAGAAGTA	1519
QY		
1273	TGTTGAATCCCACCCAAAAATA	1294
Db		

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RESULT 4
US-09-765-231A-19
; Sequence 19, Application US/09765231A
; Patent No. US20020119452A1
; GENERAL INFORMATION:
; APPLICANT: Searle/Monsanto
; APPLICANT: Phippard, Deborah
; APPLICANT: Vasanthakumur, Geetha
; APPLICANT: Dotson, Stanton
; APPLICANT: Ma, Xiao-Jun
; TITLE OF INVENTION: Osteoarthritis tissue-derived nucleic acids, polypeptides,
; and cells
; TITLE OF INVENTION: vectors, and cells
; FILE REFERENCE: SO-3221 PR
; CURRENT APPLICATION NUMBER: US/09/765,231A
; CURRENT FILING DATE: 2001-01-18
; NUMBER OF SEQ ID NOS: 82
; SEQ ID NO 19
; LENGTH: 1390
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-765-231A-19

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Query Match	27.08	Score	411.2	DB	10	Length	1390
Best Local Similarity	59.6%	Pred.	No.	3.4e-96			
Matches	729	Conservative	0	Mismatches	493	Indels	2
Gaps	2						
QY	298	TGTGTGGTAAGTCCCTGTGTTTCCCAGGTC	AAGGCATGGAAGACCCCTCAAGGCACGCCG	357			
Db	69	TGGCAGGCCTGTGCTGCCTGCTCCCTGGCTGAGATATGCTG	128				
QY	358	CTCAAAAACCGCACCCAGTCATCAGCACCAAGACCATCCGAC	TTTAAATAAAATTA	417			
Db	129	CCGAGAAGACAGATACATCCCAACATGATCAGGATCACCAACCTTCAACAAGATCACCC	188				
QY	418	CAAAATTTAGCCGAATTTGCTTTTCTTTGTATAGACAATTAGTCATCATCAAGTAATCTA	477				
Db	189	CCAACCTGGCTGAGTTGGCTTTCAGCCTATACGCCAGCTGGCACACAGTCCCAACACA	248				
QY	478	CTAACATTTTTTTTAGTCCCTGTTTCTATTGCCACTGCTTTCGCCATG-TTGAGTTTAGGT	536				
Db	249	CCAATATCTTCTCTCCCCAGTGAAGCATCGCTACAGCCTTTGCAATGCTCCTCCCTGGGGG	308				
QY	537	ACTAAAGCGGATACCCATGACGAGATTTTAGAAGGTTTAAACTTTAATTTGACCGAAATC	596				
Db	309	ACCAAGGCTGACACTCACGATGAAATCCCTGGAGGGCCTGAATTTCAACCTCACGGAGATT	368				
QY	597	CCAGAAGCCCAATTCACGAGGGTTTTCAAGAGTTTGTGTGAGAACTTTTGAATCAAGCTGAT	656				
Db	369	CCGGAGGCTCAGATCCATGAAGCTTTCAGGAACTCCTCCGTACCTCAACCCAGCCAGAC	428				
QY	657	TCTCAATTGCAATTAACACTACTGTTAAACGGTTTATTTTTGCTCTGAAGTTTAAATTTGGTT	716				
Db	429	AGCCAGCTCCAGCTGACCAACCGCAATGGCCTGTTCTCCTCAGCGAGGCGCTGAAGCTTAGTG	488				
QY	717	GACAAATTCCTAGACAGCGTCAAGAAACTATATCATAGTAGGCGTTTTTACCGGTTAATTTT	776				
Db	489	GATAAGTTTTTTTGAGGATGTAAAGAGTGTACCACCTCAGAAGCCCTCACTGTCAACTTC	548				
QY	777	GGTGATACTGAGGAAGCTAAAAAGCAATTAATGATTAATGTTGAGAAAGCCACCCAGGTT	836				

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RESULT 5
US-09-964-824A-582
; Sequence 582, Application US/09964824A
; Patent No. US20020102531A1
; GENERAL INFORMATION:
; APPLICANT: Horrigan, Stephen
; TITLE OF INVENTION: Cancer Gene Determination
; FILE REFERENCE: 689290-73
; CURRENT APPLICATION NUMBER: US/09/964, 824A
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: US/60/236,033
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,032
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,028
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 583
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 582
; LENGTH: 594

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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-954-456-1989

Query Match
Best Local Similarity 14.7%; Score 224; DB 10; Length 594;
Matches 260; Conservative 0; Mismatches 60; Indels 0; Gaps 0;

QY 12 TCTGAAAGTCTTTCAGGCGCGTGTGTCACCAAGAGTCCGCTCAATGTTGAGA 71
DB 94 TCTGAAAGTCTTTCAGGCGCGTGTGTCACCAAGAGTCCGCTCAATGTTGAGA 71
QY 72 TACAAGAGCCAGAGTGTCAATCCGACTGGCAATGTCAGGTAGAGAGATGTTGTCCA 131
DB 154 TACAAGAGCCAGAGTGTCAATCCGACTGGCAATGTCAGGTAGAGAGATGTTGTCCA 131
QY 132 GACACTTGTGATCAAGTGTCTAGACCCAGTGTGACACCCCAACCACTAGAGAGAG 191
DB 214 GACACTTGTGATCAAGTGTCTAGACCCAGTGTGACACCCCAACCACTAGAGAGAG 191
QY 192 CCAGTGAAGTGTCCAGTGTCTAGACCCAGTGTGACACCCCAACCACTAGAGAGAG 273
DB 274 GACACTTGTGATCAAGTGTCTAGACCCAGTGTGACACCCCAACCACTAGAGAGAG 273
QY 252 GAAATGACGCTCAATGTAAGAGAGACTTCAAGTGTGATGGGTATGTTGTAAGTCC 311
DB 334 GAGATGATGCGCAGTGTATGCGCAATGTTGATGCTTAACCCCAATTTCTGT 333
QY 312 TGTGTTTCCCGCAGTCAAGC 331
DB 394 TGCCTTCCCGTGTGAAGC 413

RESULT 6

US-09-954-456-1989
; Sequence 1989, Application US/09954456
; Patent No. US20020115057A1
; GENERAL INFORMATION:
; APPLICANT: Young, Paul
; TITLE OF INVENTION: Process for Identifying Anti-Cancer Therapeutic Agents Using Cand
; FILE REFERENCE: 689290-76
; CURRENT APPLICATION NUMBER: US/09/954,456
; PRIOR FILING DATE: 2001-09-18
; PRIOR APPLICATION NUMBER: US/60/233,617
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US/60/234,052
; PRIOR FILING DATE: 2000-09-20
; PRIOR APPLICATION NUMBER: US/60/234,923
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: US/60/235,134
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: US/60/235,637
; PRIOR FILING DATE: 2000-09-26
; PRIOR APPLICATION NUMBER: US/60/235,638
; PRIOR FILING DATE: 2000-09-26
; PRIOR APPLICATION NUMBER: US/60/235,711
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US/60/235,720
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US/60/235,840
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US/60/235,863
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 2276
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1989
; LENGTH: 594
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-954-456-1989

Query Match

14.7%; Score 224; DB 10; Length 594;

Best Local Similarity 81.2%; Pred. No. 3e-48;
Matches 260; Conservative 0; Mismatches 60; Indels 0; Gaps 0;

QY 12 TCTGAAAGTCTTTCAGGCGCGTGTGTCACCAAGAGTCCGCTCAATGTTGAGA 71
DB 94 TCTGAAAGTCTTTCAGGCGCGTGTGTCACCAAGAGTCCGCTCAATGTTGAGA 71
QY 72 TACAAGAGCCAGAGTGTCAATCCGACTGGCAATGTCAGGTAGAGAGATGTTGTCCA 131
DB 154 TACAAGAGCCAGAGTGTCAATCCGACTGGCAATGTCAGGTAGAGAGATGTTGTCCA 131
QY 132 GACACTTGTGATCAAGTGTCTAGACCCAGTGTGACACCCCAACCACTAGAGAGAG 191
DB 214 GACACTTGTGATCAAGTGTCTAGACCCAGTGTGACACCCCAACCACTAGAGAGAG 191
QY 192 CCAGTGAAGTGTCCAGTGTCTAGACCCAGTGTGACACCCCAACCACTAGAGAGAG 273
DB 274 GACACTTGTGATCAAGTGTCTAGACCCAGTGTGACACCCCAACCACTAGAGAGAG 273
QY 252 GAAATGACGCTCAATGTAAGAGAGACTTCAAGTGTGATGGGTATGTTGTAAGTCC 311
DB 334 GAGATGATGCGCAGTGTATGCGCAATGTTGATGCTTAACCCCAATTTCTGT 333
QY 312 TGTGTTTCCCGCAGTCAAGC 331
DB 394 TGCCTTCCCGTGTGAAGC 413

RESULT 7

US-09-865-812-1
; Sequence 1, Application US/09865812
; Patent No. US20020115626A1
; GENERAL INFORMATION:
; APPLICANT: Rastelli, Luca
; TITLE OF INVENTION: Method of Detecting Inflammatory Lung Disorders
; FILE REFERENCE: 21402-018 US
; CURRENT APPLICATION NUMBER: US/09/865,812
; PRIOR FILING DATE: 2001-05-28
; PRIOR APPLICATION NUMBER: 60/207,104
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 594
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-865-812-1

Query Match
Best Local Similarity 14.7%; Score 224; DB 10; Length 594;
Matches 260; Conservative 0; Mismatches 60; Indels 0; Gaps 0;

QY 12 TCTGAAAGTCTTTCAGGCGCGTGTGTCACCAAGAGTCCGCTCAATGTTGAGA 71
DB 94 TCTGAAAGTCTTTCAGGCGCGTGTGTCACCAAGAGTCCGCTCAATGTTGAGA 71
QY 72 TACAAGAGCCAGAGTGTCAATCCGACTGGCAATGTCAGGTAGAGAGATGTTGTCCA 131
DB 154 TACAAGAGCCAGAGTGTCAATCCGACTGGCAATGTCAGGTAGAGAGATGTTGTCCA 131
QY 132 GACACTTGTGATCAAGTGTCTAGACCCAGTGTGACACCCCAACCACTAGAGAGAG 191
DB 214 GACACTTGTGATCAAGTGTCTAGACCCAGTGTGACACCCCAACCACTAGAGAGAG 191
QY 192 CCAGTGAAGTGTCCAGTGTCTAGACCCAGTGTGACACCCCAACCACTAGAGAGAG 273
DB 274 GACACTTGTGATCAAGTGTCTAGACCCAGTGTGACACCCCAACCACTAGAGAGAG 273
QY 252 GAAATGACGCTCAATGTAAGAGAGACTTCAAGTGTGATGGGTATGTTGTAAGTCC 311
DB 334 GAGATGATGCGCAGTGTATGCGCAATGTTGATGCTTAACCCCAATTTCTGT 333


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; TYPE: DNA
; ORGANISM: Rattus norvegicus
; FEATURE:
; OTHER INFORMATION: Genbank Accession No. US20020119462A1 M63991
US-09-917-800A-1421

Query Match
Best Local Similarity 14.2%; Score 216.6; DB 10; Length 1714;
Matches 590; Conservative 0; Mismatches 564; Indels 15; Gaps 2;

QY 372 ACCAGTCATCAGACACAGACATCCGACCTTTTAAATAAAATTAATCCAAATTTAGCCGAA 431
Db 69 ACTGTGCTTTTCCCAACAAATGCCACTCTCTATAGATGCCATCTATCAATGCTGAT 128
QY 432 TTTGCTTTTCTTTCTATAGACAATAGCTCATCAAGTAATTTCTACTAATCAATTTTTTT 491
Db 129 TTTGCTTTCAGCTGTATCGGAGCTCTCTGTGGAGAACCCAGATTTTGAACATCTTCTTC 188
QY 492 AGTCCTGTTTCTAATGGCACTGCTTTCGCCATGTTGGTGTAGTACTAAAGCCGATACC 551
Db 189 TCCCTGTGAGCATATCTGCTGCTTTAGCCATGCTTCTTTGGATCTGGCTCTAGCAC 248
QY 552 CATGACGAGATTTAGAGAGTTTAACTTTAACTTTAATTTGACGAAATCCACAGAGCCAAAT 611
Db 249 CAACACAGATTTCTGGAGGCTTGGGTTTAACTTCAACCTCACAGACACTCTGTGAAAGATTA 308
QY 612 CACGAGGCTTTTCAAGAGTTTCTGAGAACTTTGAATCAACCTGATCTCAATTTGCAATTA 671
Db 309 CAACAGGCTTCCAGCATTTGATCTGTTCATGATTTCCCAATTAATGAACCTGGAATG 368
QY 672 ACTACTGTAAGGTTTATTTTCTGTAAGGTTTAAATTTGTTGACAAATTCCTAGAA 731
Db 369 CAGATGGAAATCAGATTTTATTTGGGCAACAGCTGAACCACTGCGCAAGTTTGGAT 428
QY 732 GACGTCGAAGAACTATATCATAGTAGGCTTTTACCGTTTAACTTTTGGTGAATCTAGGAA 791
Db 429 GATGCAAGACCTCTATGAACCTGAAGCTTTTCTACTGACTTCTCCAATGTTTCTGCA 488
QY 792 GCTAAAGCAATTAATGATTAATGTTGAAAGGCGCTTTCGCACTAGTTAACTATATTTTCAAGGGT 911
Db 549 ATTCAAGACCTCAACTGAACATTAATCATGATTTCTGGTGAACATATATTCATTTCAAAGCC 608
QY 912 AAGTGGAGCTCCTTTTCGAGGTTAAAGATATCTGAAGAG---GAAGATTTTCATCTTCAAT 968
Db 609 CAGTGGCAATCCTTTTCTGTTATCTAAACAGAGAGAGTTCCAACCTCTCAGTGGAC 668
QY 969 CAAGTTTACTCTCAAGCTTCCATGATGAAGAGCTGGGTATGTTCAATATTAACAT 1028
Db 669 AAGACACACAGTACAGTGGCCATGATGACACAGCTAGAACATATCATATACATG 728
QY 1029 TGCAAAAAATTAAGTTCTTTGGTCTATTAATGAAGTATTTAGGTAAGCTACTGCTATT 1088
Db 729 GATGTGGAGCTGAATTTGATACACTTCAATGGACTATAGTGCAATAGCCCTGGCACTT 788
QY 1089 TTTTGTTCACGAGCAAGGTAAGCTTCAACATTTTGAAGATGAGTTGACTCATGACATT 1148
Db 789 TTTGTCTTCCGAAGGAAGGGCACATGGAATGGGTGGAAGCAGCATGTCATCTAANA 848
QY 1149 ATTACTAAATTTTATAGAGAACGAGGATCGTGTAGCGCTTCTCTGACCTGCCAAAGTTA 1208
Db 849 CTGAAGAGTGAACCATTTATTCGAGAAAGGATGGGTGAATTTTGTGTCCAAAGTTT 908
QY 1209 AGTATCAGCGGTACTTACGACTTAAATCTGTTTATAGCCAGTTAGGTATTAACCAAGTT 1268
Db 909 TCCATTTCTGCACATATGACTTGGAAAGTACACTTCAGAGATGGGTATGAGGGATGCC 968
QY 1269 TTTTCTAAGGTTGCGGATTTAGTGGTGTACTGAAGAGCTCCATTTAAATTTGAGTAA 1328
Db 969 TTTGCTGAAGTGTGACTTTCTTGGAAATCAAAAAAGACAATGGTCTAAAAACTTTCTTAT 1028
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QY 1329 GCTGTTTCAAAAGCCGCTCTTAACTATTGATGAAAGGTTACCGAGCGCGCGCTATG 1388
Db 1029 GCTTTTCAAGGCTCTGCTACACATTTGTTGAAGAGGAACTAAGAAGAGGACTTCTCT 1088
QY 1389 TTTCTGGAAGCTAT-----TCCATGAGCATTTCCACCAGAGTTAAATTTAAT 1436
Db 1089 GAAGCTGGATCTCTGGATCAGCCAGAAAGTAGCTCTCTTACGCTGTCATCCGATTGGAT 1148
QY 1437 AAACCATTCGTTTTTCTGATGATCGAGCAGAACACTAAAGCCCATTTGTTTATGGTAA 1496
Db 1149 AGAATCTTCTTACTGATGATCTTAGAGAAACGAAAGAGTGTCTCTTTTAGGGAAA 1208
QY 1497 GTTGTCAACCCCAACTCAGAAGTAGTCGAC 1525
Db 1209 GTTGTGACCAACAAAAGAGTAATAAC 1237
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RESULT 10

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US-09-880-107-2257
; Sequence 2257, Application US/09880107
; Patent No. US20020142981A1
; GENERAL INFORMATION:
; APPLICANT: Horne, Darci T.
; APPLICANT: Vockley, Joseph G.
; APPLICANT: Scherf, Uwe
; APPLICANT: Gene Logic, Inc.
; TITLE OF INVENTION: Gene Expression Profiles In Liver Cancer
; FILE REFERENCE: 44921-5028-WO
; CURRENT APPLICATION NUMBER: US/09/880,107
; PRIOR FILING DATE: 2001-06-14
; PRIOR APPLICATION NUMBER: US 60/211,379
; PRIOR FILING DATE: 2000-06-14
; PRIOR APPLICATION NUMBER: US 60/237,054
; NUMBER OF SEQ ID NOS: 3950
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2257
; LENGTH: 1872
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Genbank Accession No. US20020142981A1 M14091
US-09-880-107-2257
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Query Match
Best Local Similarity 12.6%; Score 192.8; DB 10; Length 1872;
Matches 574; Conservative 0; Mismatches 577; Indels 15; Gaps 2;

QY 373 CCAGTCATCAGCACCAGACCATCCGACTTTTAAATAAAATTAATCTCAATTTAGCCGAAT 432
Db 416 CTTGCCATTCATCCCAACCAATGCCACTCTCTACAAGATGTCAATCCATTAATGCTGACT 475
QY 433 TTGCTTTTCTTTGTATAGACAATTAGCTCATCAAGTAATTTCTACTAACATTTTTTTTA 492
Db 476 TTGCAATTCATCTGTACCGAGGTTTCATGTGGAGACCCAGACATAAGAACATCTCTTTT 535
QY 493 GTCTCTGTTCTATTGCGCACTGCTTTGCGCATGTTGAGTTTAGGTACTAAAGCCCATACC 552
Db 536 CCCCTGTGAGCATTTCTGCAGCTTTGTTGTTATGCTTTCTCTTTGGGCTGCTGACGACCC 595
QY 553 ATGACGAGATTTTACAAGGTTTAACTTTAATTTGACCGAAATCCAGAGACCCCAATTC 612
Db 596 AAATCGAGATTTGGAGACCTTTGGGTTCAACCTCAGACACTCCAATGGTAGATACC 655
QY 613 ACAGGGTTTTCAGAGTTGTTGAGAACTTTGAATCAACCTGATTTCTCAATTTGCAATTA 672
Db 656 AGCATGGCTTCCAGCATCTGATCTGTTTCACTGAATTTTCCAAAGAGAACTGGAATTC 715
QY 673 CTACTGTAACGGTTTATTTTGTCTGAAGTTTAAATTTGTTGACAAATTTCTTGAAG 732
Db 716 AGATAGGAATGTCCTCTTTCATTTGCAAGCATCTGAACCACTGGCAAGTCTTCTTGAATG 775
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Mon Dec 9 12:50:58 2002

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733 ACCTCAAGAACTATATAGTGGGCTTTTACCGTTAAATTTTGGTGATCTGAGGAG 792
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
776 ATGTCAGACCCCTCTATGAGACTGAGTCTTTTACCGACTTCTCCAACTATTTCTGCAG 835
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
793 CTAAAGAACTAAATATGATTAATGTTGAGAAAGGCCACCGGTAGATCGTTGACCTAG 852
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
836 CCAAGCAGGAGATTAACAGTCTATGGATGCAACCAAGGAAAGGTTGGGTCTAA 895
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
853 TTAAGAAATTAAGTCTGATACCGTCTTCCACTAGTAACTATATTTTTCAGGGTA 912
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
896 TTCAAGACCTCAAGCCCAACACCACTATGCTTGTAGTACATATTCATCTTAAAGCC 955
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
913 AGTGGGACGCTTTTCGAGTTAAAGATATCTGAAGA---GGAAGATTTTCTATGTC 969
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
956 AGTGGGCAATCTTTGATCCATCAAGACAGAGACAGTCTCCAGCTTCTTAATAGACA 1015
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
970 AAGTTACTACTGTCGAAAGTCCATGATGAAGACGCTGGGTATGTTCAATATTAACAT 1029
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1016 AGACCACTACTGTTCAAGTCCCATGATGACCAAGATGGAACATTAATCACTAGTGG 1075
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1030 GCAAAATTAAGTCTTGGGTCTTATTAATGAAGTATTTAGTAAGCTACTGCTATTT 1089
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1076 ATATGAATTAAGTCTGACAGTCTGCAATGAGTACAGCAAGATGCTCTGGCACTCT 1135
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1090 TTTTATACCAAGCAAGGTAAGTCTCAACATTTAGAGATGAGTCTGACTCATGACATTA 1149
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1136 TTTTATACCAAGGAGGACAGATGAGTCTGCAATGAGTCTGCAAGTCTGATCTAAGAC 1195
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1150 TTTTATACCAAGGAGGATCTGCTGAGGATCTGCTGAGGATCTGCTGAGGATCTGCT 1209
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1196 TGAAGAGTGGACCCCTTACTACAGAGGATGGTGGTGGTGGTGGTGGTGGTGGTGGT 1255
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1210 GTATCACCGGTACTTACGACTTAAATCTGTTTGGGCGAGTGGTGGTGGTGGTGGTGGT 1269
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1256 CCAATTTCTGCACATATGACCTTGGAGCCACACTTTTGAAGATGGCATTCAGCATGCT 1315
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1270 TTTCTACGCTGGGATTTGAGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT 1329
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1316 ATTTCTGAAATGCTGATTTTCTGGACTCAGAGGACAAATGGTCTGAAACTTTCCAA 1375
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1330 CTGTTCCAAAGCGCTTAACTATGATGAAGGTTACCGGCGCGCGCGCTATGT 1389
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1376 CTGCCATAAGGCTGCTGCATATTTGGTGAAGGAACTGAAGTGGAGCTGCTCCCTG 1435
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1390 TCCTGGAA-----GCTATTCATGAGCTGAACACTTTCTACACCTATTAATTAATA 1437
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1436 AAGTTGAATTTTCGGATCAGCTGAACACTTTCTACACCTATTAATTAATA 1495
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1438 AACCATTCGTTTCTGATGATGAGCAGAACACTAAAGCCCATTTGTTATGGTGAAG 1497
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1496 GATCTTTCATGTTGTTGATTTGGAGAGAGCAAGGAGATTTCTTCTTCTAGGGAAG 1555
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1498 TTGTCACCAACTCAGAGTAGTCG 1523
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
1556 TTGTGAACCAACGGAAGGTAGTTG 1581
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

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RESULT 11
US-09-755-665-13
; Sequence 13, Application US/09755665
; Patent No. US20020107186A1
; GENERAL INFORMATION:
; APPLICANT: Prayaga, Sudhirdas K.
; APPLICANT: Majumder, Kumud
; APPLICANT: Tailion, Bruce E.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: MacDougall, John
; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 15966-631
; CURRENT APPLICATION NUMBER: US/09/755,665
; CURRENT FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/174,724

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; PRIOR FILING DATE: 2000-01-06
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO. 13
; LENGTH: 1245
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(1245)
; US-09-755-665-13

Query Match
12.6%; Score 192.2; DB 10; Length 1245;
49.2%; Pred. No. 6e-40;
Best Local Similarity
Matches 537; Conservative 0; Mismatches 548; Indels 6; Gaps 1;

QY 429 GAATTTGCTTTTCTTTGTATAGACAATAGCTCATCAAGTAATTTCTACTACATTTT 488
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 160 GACTTAGCTTTAAGCTGCTCAAGAAGCTGGCCTTTTACAAACCTGGCAGGAACATCTTC 219
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 489 TTTAGTCTGTTTCTATNTGCCACTGCTTCCCATGTTGAGTTTAGGTACTAAAGCCGAT 548
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 220 CTATCCCTTTGAGCATCTCTACAGCTTTTCTCATGCTGTGCTGGTGCCAGGACAGC 279
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 549 ACCCATGACGAGATTTTGAAGGTTTAAACTTTAATTTGACCGAATCCCGAAGCCCAA 608
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 280 ACCCTGGACGAGATCAACGAGGGTTCAACTTCAGAAAG-----ATGCCAGAAAGAT 333
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 609 ATTCACGAGGGTTTCAAGAGTGTGTGAGAACTTTGAATCAACCTGATTTCTCAATTGCAA 668
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 334 CTTTCATGAGGGCTTCCATATCATCCAGAGCTGCCAGAGAGAGAGAGAGAGAGAGAG 393
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 669 TTAACCTACTGTTAAGGGTTTATTTTGTCTGAAGTTTAAATTTGGTTGACAAATTCCTA 728
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 394 CTGAGCATTTGGGACACAGCTGTTTATTCACAGAGGCTGCAGCCACAGCGTAAGTTTGG 453
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 729 GAAGAGCTCAAGAACTATATCATAGTGGCTTTTACCGTTAAATTTTGGTGATCTGAG 788
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 454 GAAGATGCAAGAACTTTTACAGTGCCGAAACCATCTTACCACCTTTTCAGAAATTTGGA 513
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 789 GAAGCTTAAAGAACTTAAATGATTTGTTGAGAAAGGACCCAGGGTAAGATCTGTCAC 848
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 514 ATGGCTCAGAGCAGATCAATGACTTATCAGTCAAAAGAGAGAGAGAGAGAGAGAGAG 573
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 849 CTAGTTAAAGAACTAGATCGTATACCGTCTCGGCACTAGTTAACTATATATTTTTCAG 908
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 574 CTGATCAGAAATATAGACCCCGGCACTGTGATGCTTCTTTCGAAATATATTTTCTTCCA 633
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 909 GGTAAAGTGGGAGCTCTCTTTCGAGGTTTAAAGATCTGAAAGAGAGAGAGATTTTCATG 968
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 634 GCCAGGTGGGAAACATGAGTTTGTATCCAAATGTAACTAAAGAGAGAGAGATTTTCTCTGGAG 693
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 969 CAAGTTACTACTGTCAAGTTCCAAATGATCAAGAGTCTGGTATGTTCAATATTTCAACAT 1028
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 694 AAAAAGCTTTCAGTCAAGGTGCCATGATGTTCCGTAGTGGCATATACCAAGTTGGCTAT 753
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 1029 TGCAAAAATTAAGTCTTCTGGTCTTATTAATGAAGTATTTTAGTAAACGCTACTGCTATT 1088
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 754 GACGATNAAGCTCTCTGCACCATCTGGAATACCTTACCAGAAAGAGATATACAGGCATC 813
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 1089 TTTTATTTTACAGAGCAAGGTAAGCTTCAACATTTAGAGATGAGTTGACTCATGACATT 1148
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 814 TTATCTCTCTGATGAGGCAAGCTGAAGCACTTGGAGAGAGGAGGATTTGAGGTGGACACT 873
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 1149 ATTACTAAATTTTAGAGCAAGGATCGTCTGAGCGCTTCTCTGACAGCTGCCAAAGTTA 1208
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 874 TTCTCCAGATGGAACACATTAATGTCACGAGGGTCTGAGCGTGTCTGTACCCAGACTC 933
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 1209 AGTATCACCGTACTTACGACTTAAATCTGTTTGAAGCCAGTTAGGTATTTACCAAGTT 1268
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 934 CACATGACGGGACCTTCCAGCTGAAGAGACTCTCTCTCTACATAGGTGTCTCCAAATC 993
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 1269 TTTTCTAACGGTCCGATTTGAGTGGTGTACTGAAGAGCTCCCATTTAAATTTAGTAAA 1328
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

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Mon Dec 9 12:50:58 2002

TITLE OF INVENTION: MUSCLE AND FAT DEPOSITION

FILE REFERENCE: 16511.006/37-21(10298)C

CURRENT APPLICATION NUMBER: US/09/960,352

CURRENT FILING DATE: 2001-09-24

NUMBER OF SEQ ID NOS: 15112

SEQ ID NO 12287

LENGTH: 391

TYPE: DNA

ORGANISM: Bos taurus

OTHER INFORMATION: Clone ID: 52-LIB34-079-Q1-E1-B8

US-09-960-352-12287

Query Match 10.6%; Score 161; DB 10; Length 391;

Best Local Similarity 64.2%; Pred. No. 3.8e-32; Indels 0; Gaps 0;

Matches 242; Conservative 0; Mismatches 135; Indels 0; Gaps 0;

QY 660 CAATGTCATTAACACTGTAACGGTTTATTTTGTCTGAAAGTTTAAATTTGTTGAC 719

DB 2 CAGCTGCAACTCACCCTGGCAATGGTCTGTCATCAATGAGAGTGCAGAGCTAGTGAT 61

QY 720 AAATTCCTAGAGAGCTCAAGAACTATATCATAGTGAGGCTTTTACCGTTAATTTTGGT 779

DB 62 ACCTTTTGGAGGATGTCAAGAACTGTATCCTCCGAAGCCTTCTCATCACTCAGG 121

QY 780 GATACCTGAGAGCTTAAAGCAAAATTAATGATATGTAAGAGCCACCCAGGGTAAG 839

DB 122 GATGCTGAGGAGGCCAAGAGAAATCAACGATTATGATAGAGAGGGAAGCCATGGAAA 181

QY 840 ATGCTTGACCTAGTTAAAGAAATAGATCGTGATACCGTCTTCGCACTAGTTAATATTT 899

DB 182 ATGCTGAGGTTGTAAGGTTCTTGACCCAAACACAGTTTTTGTCTGGTGAATTACAT 241

QY 900 TTTTCAAGGTTAAGTGGGACCTCTTTCAGGTTTAAAGATACATGAAGAGGAAGATTTT 959

DB 242 TCCTTTAAAGGAAATGGGAGAACCCCTTCGAGATGAACACACACAGAGGGACTTC 301

QY 960 CATGCTCATCAAGTTACTACTGTCAAGTTCCCAATGATGAAGAACTGGGTATGTTCAAT 1019

DB 302 CATGTGACGACCAACCACTGTGAAGTGGCCATGATGAACCGCTGGGCAATGTTGAC 361

QY 1020 ATCAACATTCGCAAAA 1036

DB 362 CTCCTACTGCGGACAA 378

RESULT 14

US-09-960-352-10531

Sequence 10531, Application US/09960352

Patent No. US20020137139A1

GENERAL INFORMATION:

APPLICANT: Warren, Wesley C.

APPLICANT: Byatt, John C.

APPLICANT: Mathialagan, Nagappan

TITLE OF INVENTION: MUSCLE AND FAT DEPOSITION

FILE REFERENCE: 16511.006/37-21(10298)C

CURRENT APPLICATION NUMBER: US/09/960,352

CURRENT FILING DATE: 2001-09-24

NUMBER OF SEQ ID NOS: 15112

SEQ ID NO 10531

LENGTH: 430

TYPE: DNA

ORGANISM: Bos taurus

FEATURE:

NAME/KEY: unsure

LOCATION: (398)

OTHER INFORMATION: unsure at all n locations

OTHER INFORMATION: Clone ID: 45-LIB34-014-Q1-E1-D2

US-09-960-352-10531

Query Match

Best Local Similarity

9.6%; Score 146.4; DB 10; Length 430;

60.5%; Pred. No. 2.3e-28;

Matches 240; Conservative 0; Mismatches 157; Indels 0; Gaps 0;

QY 504 ATTGCCACTGCTTTTCGCCATGTTAGTCTTATAGTCTTAAAGCCGATACCACGACGATT 563

DB 32 ATTGCTTCAGCCTTTGCTATGCTCTCCCTGGGAGCCAGGCAACACTCACACTGAGATC 91

QY 564 TTAGAAGGTTTAAACTTTTAAATTTGACGAAATCCCAAGAGCCAAATTCACGAGGTTT 623

DB 92 CTGAAGGGCCCTGGGTTTCAACCTCACTGAGCTCGAGAGGCTGAGATCCACAAGGCTTT 151

QY 624 CAAGAGTTTGTGAGAACTTTGAATCAACCTGATTTCAATTTGCAATTAATTAATGTTAACT 683

DB 152 CAGCATCTTCTCCACACCTTGACACGCAAAACCAACAGCTGCACTGACCTGCGCAAT 211

QY 684 GGTATTTTGTCTGAAGTTTAAATTTGTTGACAAATTCCTAGAAGACGCTCAAGAAA 743

DB 212 GGTCTGTTTCATCAATGAGAGTGCAGAACTAGTGGATACGTTTTTGGAGGATGTCAGAAAC 271

QY 744 CTATATCATAGTGAGGCTTTTACCGTTTAAATTTGGTGATACCTGAGGAGCTAAAGCAA 803

DB 272 CUGTATCACTCCGAAGCCTTCTCCATCAACTTCAGGATGCTGAGGAGGCCAAGAGAAG 331

QY 804 AATAATGATGTTGAGAAAGGCCAGGTAAGATCGTTGACCTAGTCTAGTAAAGAAATTA 863

DB 332 ATCAACGATTTATGTAGAGAGGAGCCATGGAATAATTTGGAGTTGGTAAAGGTTCTT 391

QY 864 GATCGTGATACGCTCTTCGCACTAGTTAACTATATTT 900

DB 392 GACCCNACACAGTTTTTGTCTGTGATTAACATTT 428

RESULT 15

US-09-960-352-14649

Sequence 14649, Application US/09960352

Patent No. US20020137139A1

GENERAL INFORMATION:

APPLICANT: Warren, Wesley C.

APPLICANT: Tao, Nengbing

APPLICANT: Byatt, John C.

APPLICANT: Mathialagan, Nagappan

TITLE OF INVENTION: MUSCLE AND FAT DEPOSITION

FILE REFERENCE: 16511.006/37-21(10298)C

CURRENT APPLICATION NUMBER: US/09/960,352

CURRENT FILING DATE: 2001-09-24

NUMBER OF SEQ ID NOS: 15112

SEQ ID NO 14649

LENGTH: 444

TYPE: DNA

ORGANISM: Bos taurus

OTHER INFORMATION: Clone ID: 62-LIB34-086-Q1-E1-H6

US-09-960-352-14649

Query Match 8.9%; Score 135.8; DB 10; Length 444;

Best Local Similarity 58.2%; Pred. No. 1.2e-25;

Matches 239; Conservative 0; Mismatches 172; Indels 0; Gaps 0;

QY 406 ATAAATTAATTCCTCCAAATTTACCCGAATTTGCTTTTCTTTGTATAGACAAATAGCTCATC 465

DB 34 ACAAGATTGCCCCCAACCTGGCCAACTTTGCCCTTCAGCATATACCACTTTGGCTCATC 93

QY 466 AAAGTAATTTACTAAACATTTTTTTTAGTCTCTGTTTCTATTTGCCACTGCTTTGCCCATGT 525

DB 94 AGTCCAACACCAAGCAACATCTTCTCCCGGTGAGCATGCTTCAGCCCTTTTCGATGC 153

QY 526 TGAGTTTAGGTACTAAAGCCGATACCCATGACGAGATTTTAGAAGGTTTAACTTTAAT 585

DB 154 TCTCCCTGGGAGCCAGGCAACACTCAGCTGAGATCCTGAAGGCCCTGGTTCAACC 213

QY 586 TGACCGAAATCCCAAGAGCCCAAAATTCACGAGGTTTTCAGAGTTGTTGAGAACTTGA 645

DB 214 TCAGTGCAGGAGGCTGAGATCCACAGAGGCTTTCAGCATCTTCTCCACACCCCTCA 273

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Qy 646 ATCAACCTGATTCTCAATTGCAATTAACTACTCGTAACGGTTTATTTTGTCTGAAGGTT 705
Db 274 ACCAGCCCAACCACCCAGCTGCAACTGACCACTGGCAATGGTCTCTGTTTCATCAATGAGAGTG 333
Qy 706 TAAATTTGGTGTGACAAAATTCCTAGAAAGACGTCAAAGAACTATATATCATAGTGAGGCTTTTA 765
Db 334 CAAAGCTAGTGGATACGTTTTTGGAGGATCTCAAGAACCTGTATCATCTCCGAAGCCTTCT 393
Qy 766 CCGTTAATTTTGGTGATAGTACTAGGAAAGCTTAAAGCAAAATTAATGATTATG 816
Db 394 CCATCAACTTCAGGGATGCTGAGGAGGCCAAGAAGATCAACGATTATG 444

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Search completed: December 6, 2002, 23:36:41
Job time : 61.5 secs

